

Figure 1

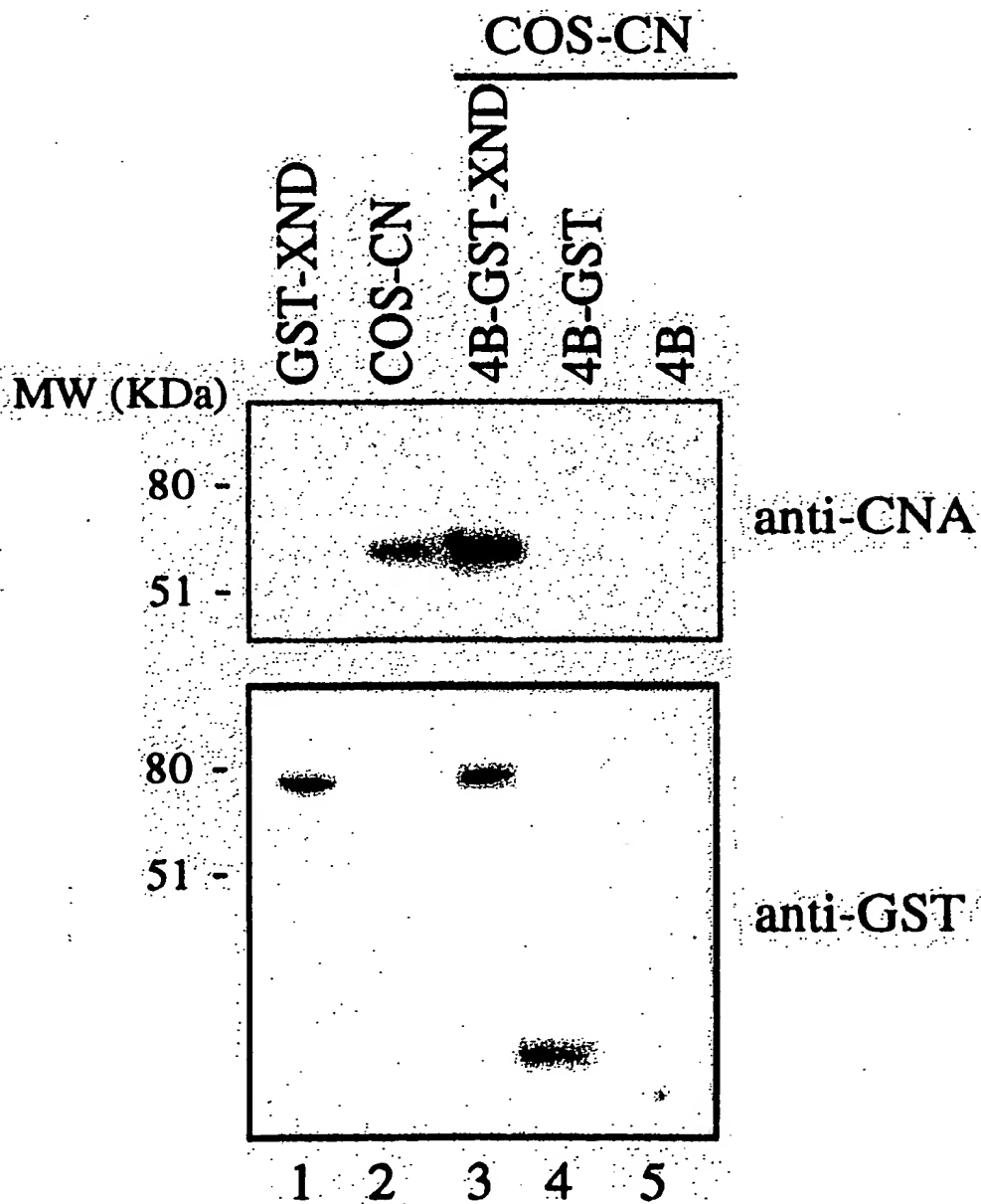


Figure 2

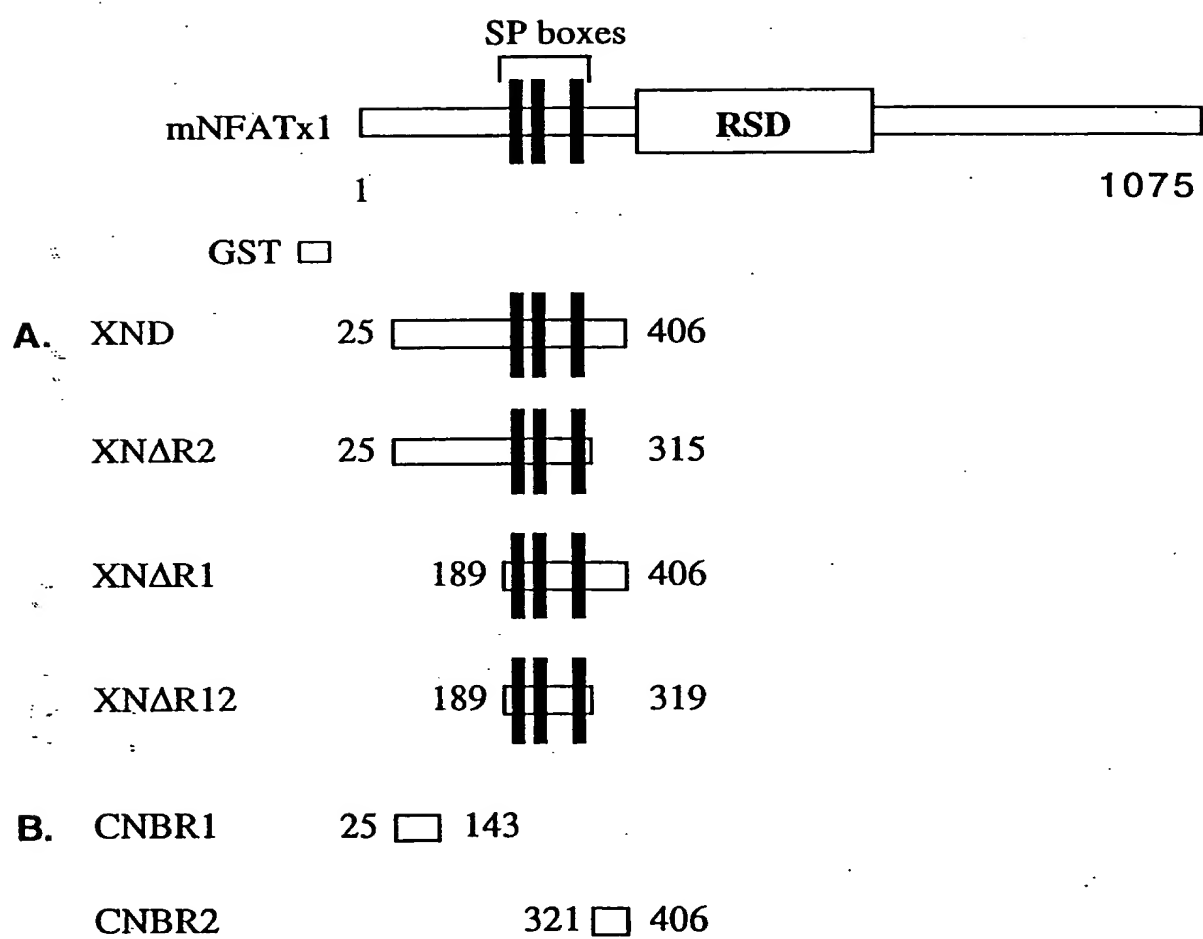


Figure 3

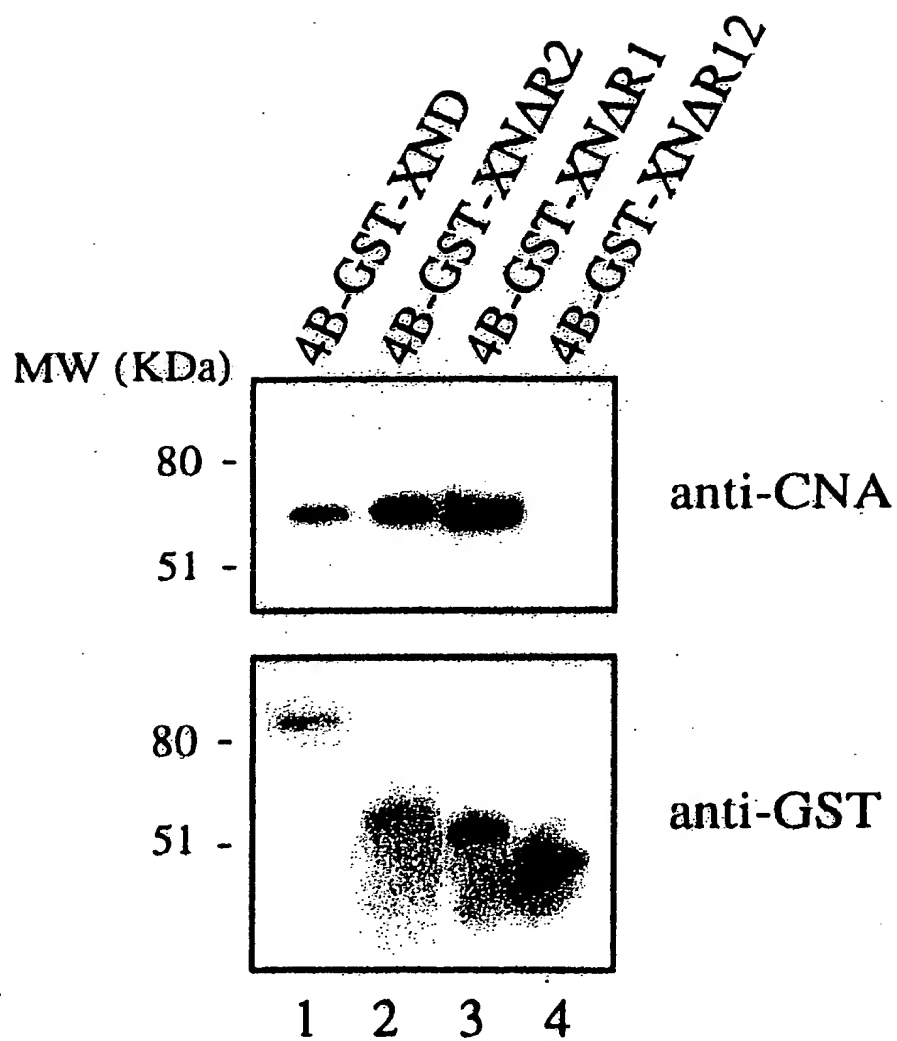


Figure 4

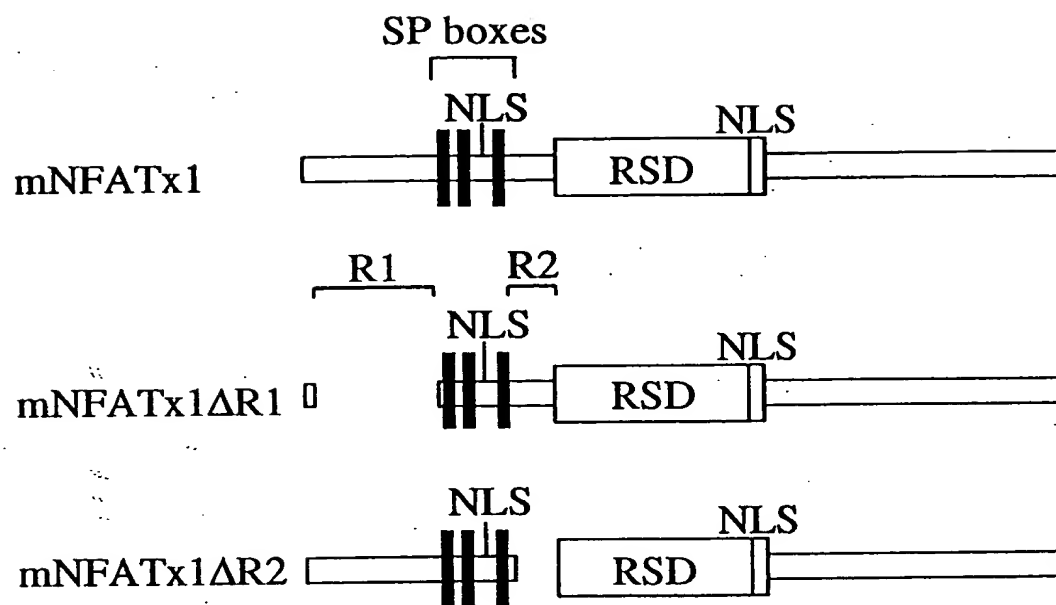


Figure 5

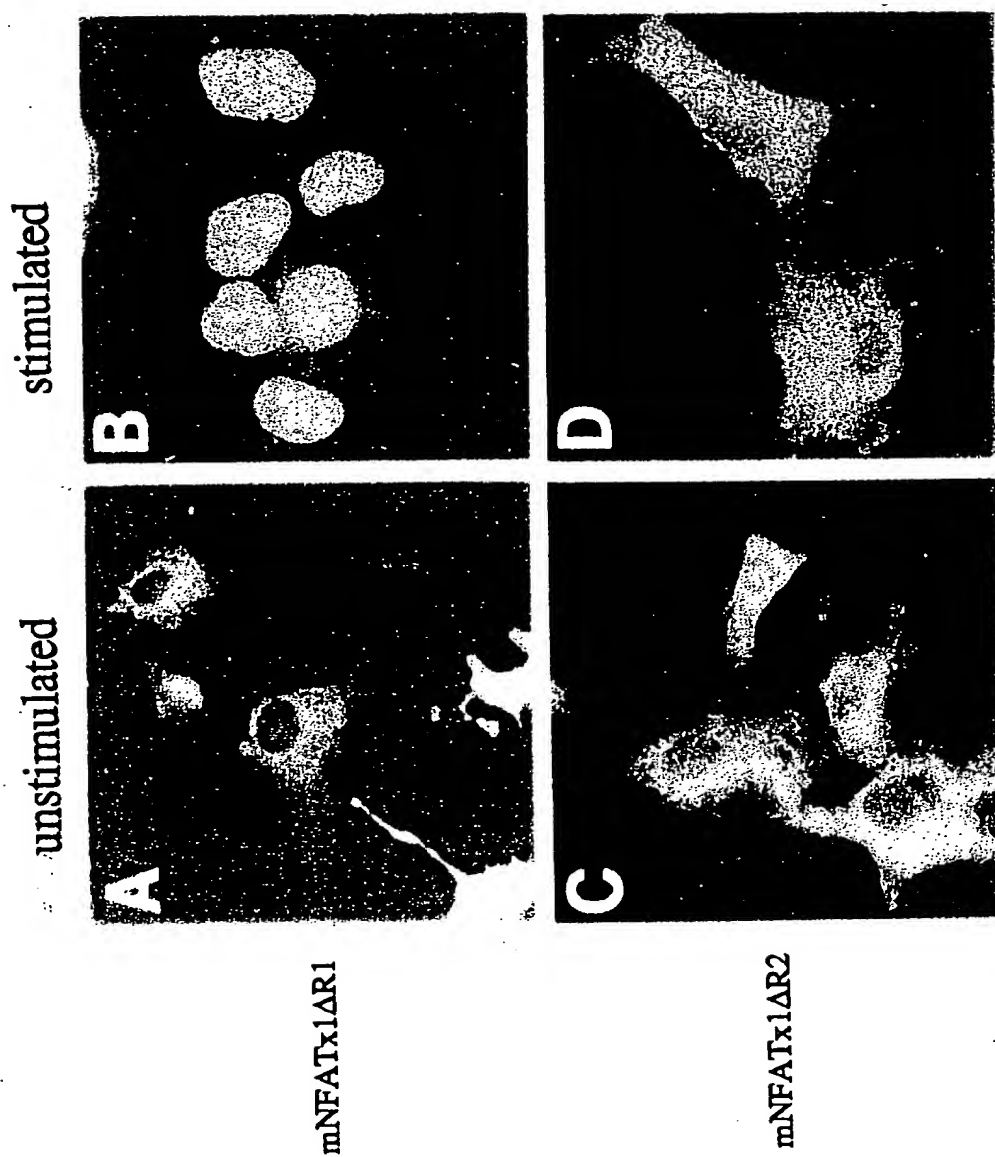


Figure 6

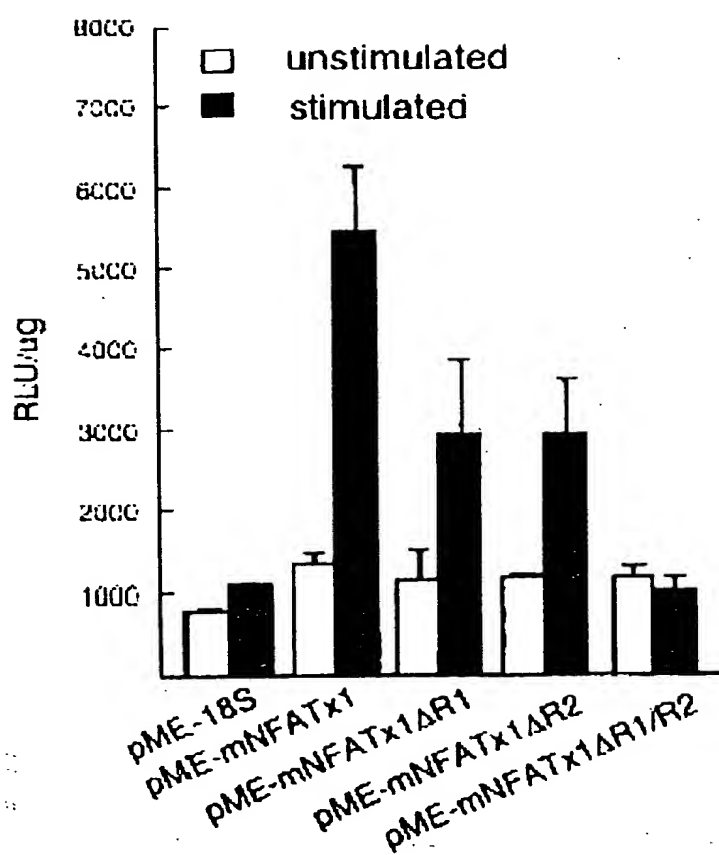


Figure 7

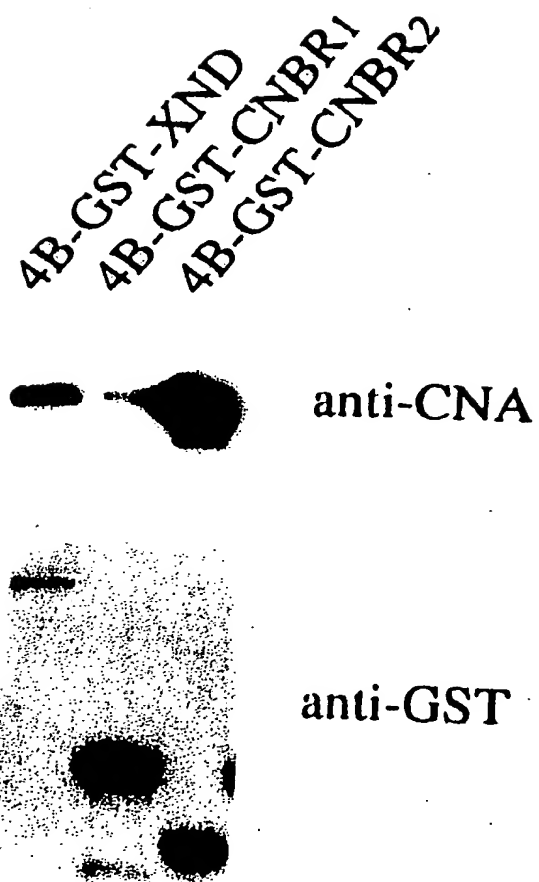


Figure 8

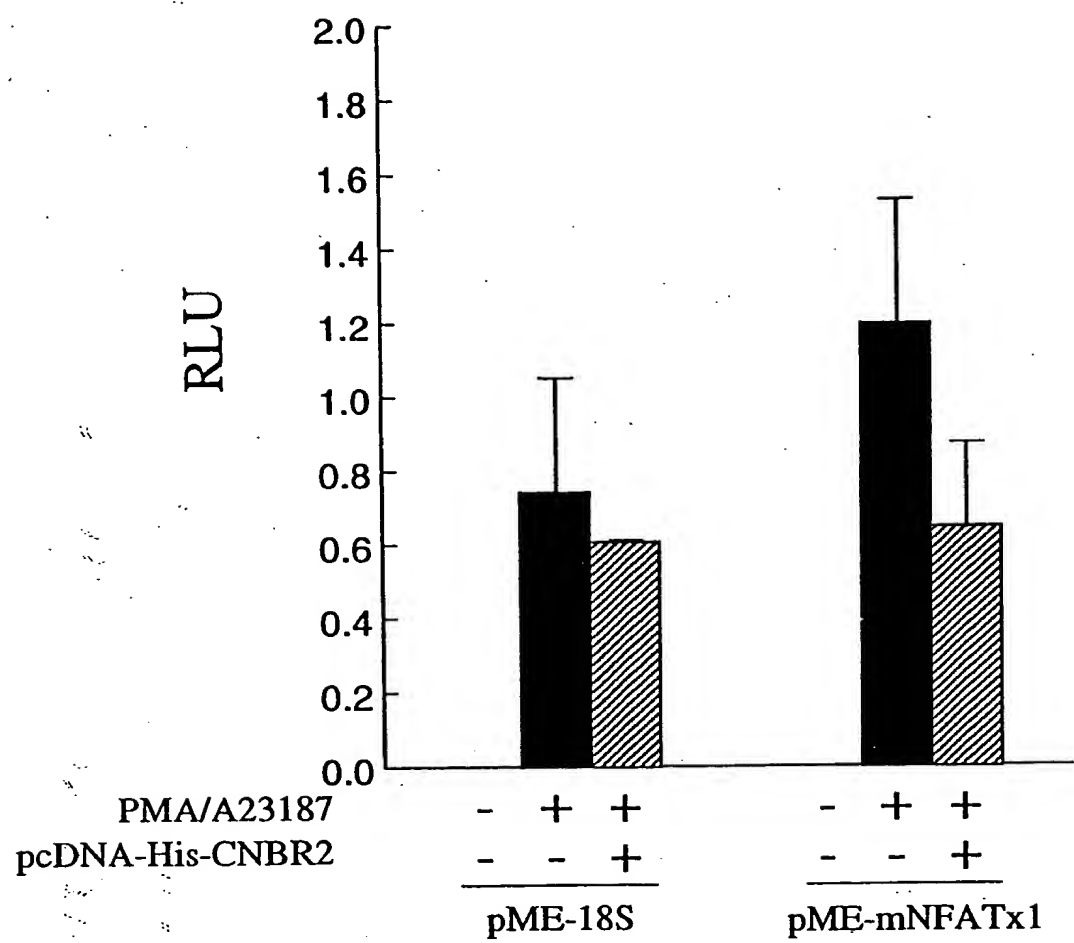


Figure 9

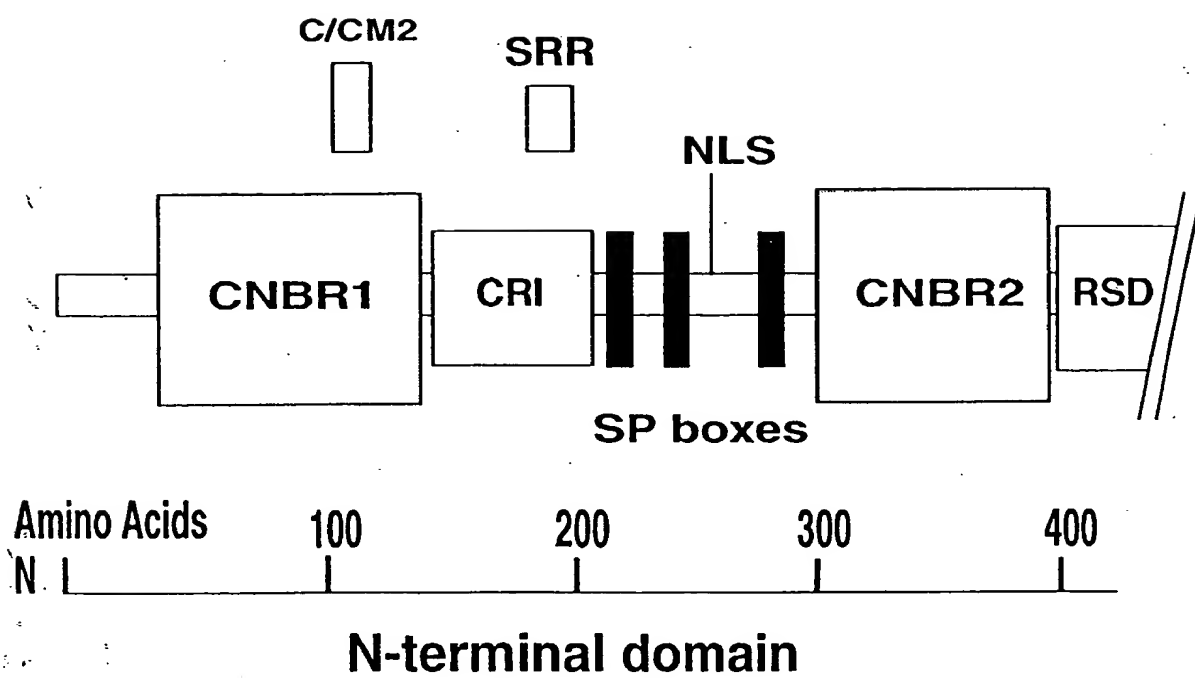


Figure 10

mNFATx	1	MTTANGAHDELDFKL VFGEDGAPAPPPGSRPADLEDDCASIIYFNVDPPSTLTTPCLPHHGL-PSHSSVLSPSFQ	79
hNFATx	1	.....	79
NFATc3	1	PRRVLFVSVA QL.SRTR..PSDL.....NSS.G.....LQ.....	69
mNFATx	80	LQSHKNYEGTCEIPESKYSPLGGPKPFECPSIQFTSISPNCCQQLDAHEDDLQINDPEREFLEPERSRDHLYLPLEPSYRE	159
hNFATx	80	.....I.....H.....	159
NFATc3	70	..GY.....GD.S.....I.....H.GT.....H.....Y.....	149
mNFATx	160	SSLSPASSISSRSWFSWSDASSCESLSHIYDDVDSELNEAAARFTLGSLTSPGGSPGGCPGEESWHQYGGSHLSLRQ	239
hNFATx	160	.....T.....L.....	239
NFATc3	150	.....	229
mNFATx	240	SPCHSPRSSITDENWLSRPASGSSSRPTSPCGKRRRHSSAEVCYAGSLSPHSPVSPGHSRGSVTEDTWLTAPVHTGS	319
hNFATx	240	.....V.....N.S..G..	319
NFATc3	230	.....	309
mNFATx	320	GLSPAPFPQYCVETDIPLKTRKTSQEDQAAIIPGKLEICSDQGNLSPSRETSVDDGLGSQYPLKKDSSGDFLSVPSPF	399
hNFATx	320	..G..V.....L.....S...A...I.....C.....	399
NFATc3	310	.....	389
mNFATx	400	TWSKPKPGHTPIFRTSSLPLDWPLPTHFGQCELKIEVQPKTHRAHYETEGSRGAVKASTGGHPVVKLLGYSEKPINLQ	479
hNFATx	400	.....A.....N.....	479
NFATc3	390	.....	469
mNFATx	480	MFIGTADDRYLPHAFYQVHRITGKTIVATASQEIITASTKVLEIPLPENNMASIDCAGILKLRNSDIELRKGETDIGR	559
hNFATx	480	.....	479
NFATc3	470	.....	469

Figure 11

NPAT1	.....L.....G.....E.....P.....	65
NPAT2	MNA PER QP QD GDA FGH EPG GSP QDE LDF SIL FDY EY LNP NEE EEN AH KVA ASP SG P AY PDD VM	64
NPAT3	MP ST SP VP SK FPL GP AAA VFG RGT LG PAP RAG GTM KSA - E E H Y G Y A S S N V S P A L P L P T A H S T	59
	--- M T T A N C C A H D E L D F K L V F G E D G A P A P P P G S R P A D L - - - E P D D C A S I Y I F N V D P P P S T L T T P	60
	--- M G A A S C E D E L E F K L V F G E E K E A P P L G A G G L G E E L D - S E D A P P C C R L A L G E P P P Y G A A P I G	
NPAT1	.....G.....P.....I.....T.....	122
NPAT2	DY GL K P Y S P L A E L S C E P P G R F G E P D R V G - - - - - P Q K F L S A A K P A G A S C L S P R I E I T P S H E L I	129
NPAT3	L P A P C H N L O T S T P G I I P P A D H P S G Y C A A L D G G P A G Y F L S S C H T R P D G A P A L E S P R I E I T S C L G L Y	120
	L C L P H H G L P S H S S V L S P S F Q L Q S H K N Y E G T - - - C E I P E S K Y S P L G G P K P P E C P S I Q I T S I S P N C	125
	I P R P P P P R P C M H S P P P R P A P S P G T W E S Q P A R S V R L G G P G G A C G A G G R V L E C P S I R I T S I S P T P	
NPAT1	.....V.....YRE.....SLS S. S.	178
NPAT2	Q A V G P L R M R D A G L L V E Q P P L A G V A A S P R F T L P V P G F E G Y R E - - - - - P L C L S P A S S G S S A S F	182
NPAT3	H N N N Q P P H - - - D V E V E D V L P S S K R S P S T A T L S L P S L E A Y R D - - - - - P S C L S P A S S L S R S C	175
	H Q E L D A H E - - D D L Q I N D E R E F L E R P S R D H L Y L P L E P S Y R E S - - - - - S L S P S P A S S I S R S W	181
	E P P A A - - - - - L E D N P D A W G D G S P R D Y P P P E G F G G Y R E A G A Q G G A F P S P S P G S S L S S W S F	
NPAT1	.....SP..SP.VSP.....ED.....	216
NPAT2	I S D T - - - - - F S P Y T S P C V S P N N G G P D D L C P O F O N I P A H - Y S P R T	216
NPAT3	N S E A S S Y E S N Y - - - - - S Y P Y A S P Q T S P W Q S P C V S P K T T D P E E G F P R G L G A C T L L C S P Q H	239
	P S D A S C E S L S H I Y D D V D S E L N E A A R F T L G S P L T S P G S P G C P G E E T W H Q O Y G L G H S - L S P R Q	235
	P S D A S D E A A L Y A A C D E V E S E L N E A S R F C L G S P L P S P R A S P R P W T P E D P W S L Y - - - - -	
NPAT1	.....SP...V..ED..L.....R..SP..KRR.S.....SP...S	280
NPAT2	S P I M S P R T S L A E D S C L G R H S - P V P R P A S R S S S P G A K R R H S C A E A L V A L P P G A S P O R S R S P S P Q P S	290
NPAT3	S P S T S P R A S V T E E S W L G - - - - - A R S S R P A S P C N K R K Y S L N G R - - - - - Q P P Y S P H S P T P S P H G S	300
	S P C H S P S S V T D E N M L S P R P - A S G P S S R P T S P C G K R R H S S A E V C - - - - - Y A G S L S P H S P V P S P C H S	285
	- - G P S P G C R G P E D S V L L L S A P G P T P A S F R P A S P C G K P P Y S S - - - - - S G T P S R A S P A L S	
NPAT1	.....D.....A.....IP.K.KTS.D.....	342
NPAT2	S H V A P O D H G S P A G Y P P V A G S A V I M - - - D A L N S L A T D S P C G P P K M W K T S P D P S P V S A A P S K A G L P	355
NPAT3	P R V S V T D D S W L G N T T Q Y T S S A I V A A I N A L T D S S L D L G D G V P V K S R K T T L E G P P S V A L K V E P V G E	360
	P R G S V T E D T W L N A S V H G S G L G P - - - - - A V F P P Q Y C V E T D I P L K T R K T S E D Q A A I L P G R L E L C S D	350
	R R G S L G E E G S E P P P P P L P L A R D P G S P G P F D Y V G A P A E S I P O K T R T S S E D A V A L P R S E E P A S C	
NPAT1	.....A.....R.K.....L.VP.....W.K.....T..LP	395
NPAT2	R H I Y P - - - - - A V E F L G P C E Q G E R R N S A P E S I L L V P - - - P T V P K F L V P A I P I C S I P V T A S L P	413
NPAT3	D L G S P P P - P A D P A P E D Y S F C H I R K G C F C D O Y L A V P O H P Y O K A K P K P - - - L S P T S Y M S P T L P	418
	D O G S L S P A R E T S I D D G L S Q Y P L K D S C G D F L S V P S - P P T U S K P K P - - - G H T P I F R T S S L P	404
	N C K L P - - - - - L G A E E S V A P P G S P K E V A G M D Y L A V P S - P L A U S K A R I O - - - G H S P I F R T S A L P	